


## Meeting Minutes Transmittal

**LERF/200 Area ETF and WESF  
Project Managers Meeting  
825 Jadwin / Room 540S  
Richland, Washington  
August 28, 2014**

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The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.

  
Project Manager Representative, Ecology

Date: 11-5-14

  
Project Manager Representative, RL

Date: 13 Nov 14

LWFS Administrative Record	H6-08
FW Bond	H0-57
JB Borghese	H8-43
MS Collins	A6-38
KA Conaway	H0-57
BJ Dixon	T3-11
TA Hopkins	H8-45
RH Engelmann	H8-45
SK Johansen	T1-41
RL Long, Jr.	A5-15
ET McCarthy	S5-31
VA Turner	A6-11
LC Petersen	S5-31

LERF/200 Area ETF and WESF  
Project Managers Meeting Minutes  
825 Jadwin/Room 460/700 Area  
Richland, Washington

August 28, 2014

- I. The June 26, 2014 Project Managers Meeting (PMM) minutes were approved and submitted to the Administrative Record (AR). There were no PMMs held in May or July 2014.
- II. Operational Status
  - A. Linda Petersen (CHPRC) provided the operational status for the months of June and July 2014. Rick Bond (Ecology) noted the average flow rate at TEDF seemed higher than usual. Ms. Petersen responded that the flow rate is usually a much lower number, averaging in the 46 to 52 gpm rate. Ed McCarthy (CHPRC) added that the higher flow rate was due to the cold runs that are being done as part of the readiness assessment at the 242-A Evaporator. Ms. Petersen noted that due to issues with the heat exchanger, ETF was not operating during June and July 2014, and there was no treated waste water reported for that period of time. Mr. McCarthy indicated that the contract for the heat exchanger is expected to be awarded today, and the heat exchanger is projected for delivery in about eight months after the contract is awarded.

Mr. McCarthy reported that the Basin 42 cover cleaning is expected to be completed by mid-September 2014, and all the vegetation has been removed and most of the water is gone. A small amount of mud remains in the channeling, and the mud will be removed. Mr. McCarthy stated that work was started two weeks ago on the Basin 43 cover, and there are a few water pockets and some mud that need to be inspected. Mr. McCarthy noted that today's report states 98 percent of the inspection has been completed on the Basin 44 cover, and stated that 100 percent of the inspection is now completed. Mr. McCarthy added that all of the cleaning on the Basin 44 cover has been done, and that all of the vegetation and water are gone and the mud that causes channeling has been removed. Mr. McCarthy noted that any water left on the cover is from the recent rainfall, and it is evaporating.

Regarding the deficiencies to the basin covers and liner, Mr. McCarthy stated that ten cuts to the Basin 42 cover were identified during the inspection, and the cuts have been covered with a temporary patch. Mr. McCarthy noted that all of the cuts are on the side of the basin above the water line. During the repairs to the ten cuts, an inspection was done underneath the cuts to ensure there were no issues with the liner, and two small cuts to the liner were identified. Mr. McCarthy stated that the cuts to the liner are well up on the side of the basin. Mr. McCarthy stated that the liner repair will require a Class 2 permit modification, and the Class 2 mod documentation has been submitted to Ecology. A work package is being prepared for the liner repair, and the vendor who installed the liner 18 years ago is coming on site to facilitate the repairs. Mr. McCarthy stated that a temporary authorization (TA) has been requested from Ecology to do the repairs while waiting for the Class 2 permit mod meetings and the public hearings and public comment period to go forward. Mr. Bond indicated that the letter transmitting the TA should be issued within a week.

Mr. McCarthy stated that as reported previously, a series of cuts on the Basin 44 cover out over the water were identified. There was a lot of mud in the hole, and when the water was pumped out the water would recharge. The pump was kept in place to pump water out every day, and all of the mud has been removed out of the hole in the corner. Mr. McCarthy stated that the cover has now lifted up and it is out of the water, and there is no more water coming out over the cover. Mr. McCarthy noted that no additional water has been observed coming through the cuts onto the cover in the last two to three weeks. The pump is still in place so that if more water appears, it could be pumped out. Mr. McCarthy indicated that options for a long-term resolution of the cuts are being considered, but a decision has not been made.

Mr. McCarthy reported that Washington River Protection Solutions (WRPS) has begun its planning for transition of ETF from CHPRC to WRPS. Mr. McCarthy clarified that transition has not started, and RL has not announced a date for transition. Mr. McCarthy added that CHPRC has written its transition plan and provided a copy to WRPS, and the projected time line for transition to occur is in calendar year 2015. Mr. Bond asked about current staff transitioning to WRPS. Mr. McCarthy responded that WRPS initially shared that the ETF staff will be married up with the 242-A Evaporator project, and that CHPRC projects 90 percent of the ETF staff will transition with the facility to WRPS. Mr. McCarthy noted that until WRPS provides its staffing needs, it is unknown how the staffing transition will occur.

Mr. McCarthy reported that during the monthly walk-down of the TEDF transfer line in July 2014, it was noted that two lines were dripping water and Ecology was notified. A work package has been prepared for closing off the valves and making repairs to the lines. Mr. McCarthy provided an update on the hold times for July's TEDF discharge sample. Mr. McCarthy noted that since the WSCF lab was closed, the samples are sent to an offsite lab. The sample was delivered via FedEx to Test America Lab in St. Louis, and the hold time was missed by two hours. Ecology was notified, and it was also noted in the quarterly discharge monitoring report (DMR). Ms. Petersen provided an update on the WESF activities (see information below).

<b>LERF Basin Liquid Level, Inventory and Waste Received – June and July 2014</b>			
	<b>Basin 42</b>	<b>Basin 43</b>	<b>Basin 44</b>
Basin Liquid Level and Inventory on 8/3/2014	7.8 ft. ~1.70 Mgal	13.2 ft. ~3.48 Mgal	19.2 ft. ~6.13 Mgal
2 tanker shipments of AZ-301	13,000 gallons		
6 tanker shipments of MW burial trench #31 and trench #34 leachate			42,000 gallons
4 shipments of WSCF/100N drums		2,145 gallons	
9 tanker shipments of BP-5 perched water		~22,500 gallons	
ERDF transfers		~285,110 gallons	

\*The volumes in this table are estimated. Tanker shipment volumes are estimated by multiplying the number of shipments by the capacity of the tanker being used.

Effluent Treatment Facility treated ~ 0 Mgal of wastewater during June and July.
200 Area Treated Effluent Disposal Facility (TEDF) received wastewater at an average flow of about 791 gpm during June and July 2014, based on TEDF Flow Totalizer information.



**LERF/ETF/200 Area TEDF Activities:**

Treatment of wastewater is suspended due to heat exchanger issues.

- Procurement activities leading to placement of a contract for a replacement heat exchanger is nearing completion. Laser mapping of the current heat exchanger and its connections was performed to obtain accurate as-built information to be used in fabrication of the replacement.
- LERF Basin Cover Cleaning Activities are in Progress.
  - Basin 42: Inspection at 100%; cleaning completion: September 2014
  - Basin 43: Inspection at 97%; inspection and cleaning completion: September 2014
  - Basin 44: Inspection at 98%; inspection and cleaning completion: August 2014
- Deficiencies to Basin Covers and Liner:
  - Basin 42:
    - 10 cuts on the sides and above the water level of the cover have been repaired
    - Two cuts identified to the liner above water line require a Class 2 modification to permit to allow repairs without emptying basin
  - Basin 43: Cut on the sides and above the water level of the cover has been repaired
  - Basin 44: Repair techniques for cuts to cover over the water level are being identified and under review, taking into consideration the job site hazards.
- WRPS has begun their planning for the transition of ETF from CHPRC to WRPS. WRPS is performing an "extent of condition" review to support development of their transition plan. No transition date has been set or announced by DOE.
- Notification of a leak discovered in the TEDF cross site transfer line was made to Ecology. Repairs are being facilitated.
- Notification of exceeded hold times for July's TEDF discharge sample was made to Ecology.

**WESF ACTIVITIES:**

- Planning for stabilization of portions of the facility along with modifications to the K-3 ventilation system is in progress.
- Radiological surveys of the canyon are planned. These surveys will provide information to support upcoming project-related activities.
- Discussions between DOE-RL and Ecology have taken place to arrive at a regulatory strategy for the planned work.

III. Status of Previous Agreements and Commitments

- A. There were no previous agreements or commitments to status.

IV. New Agreements and Commitments

- A. There were no new agreements or commitments identified for discussion.

- V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)
  - A. ST-4500, ST-4502 and ST-4511 Status  
Stacy Nichols (Ecology) reported that the ST-4500 permit is scheduled to go out for public comment on September 8, 2014, through October 10, 2014. Ms. Nichols stated that there was no new status to report on the ST-4502 permit. Ms. Nichols noted that the ST-4511 owner manual was updated.
  - B. LERF Basin Maintenance  
Rick Engelmann (CHPRC) stated that a status on the LERF basin maintenance was covered under operational status.
  - C. Hanford Facility RCRA Permit Rev. 9 Update  
Mr. Bond stated that when the Conceptual Agreement Packages (CAPs) are completed, there will be quite a bit of work to update the permit in accordance with the CAPS.
  - D. 8C/Class 2 Modifications  
Mr. Engelmann noted that an update on the 8C and Class 2 mods was provided under operational status.
  - E. ETF Heat Exchanger  
Mr. Engelmann noted that the status of the heat exchanger was provided under operational status.
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
  - A. There were no approved changes identified for discussion.
- VII. General Discussion
  - A. There were no topics for general discussion.
- VIII. Actions
  - A. There were no actions to status.
- IX. Documents for Submittal to the Administrative Record
  - A. The PMM minutes from today's meeting were identified for submittal to the AR.
- X. Next Project Managers Meeting
  - A. The next PMM was tentatively scheduled for October 30, 2014.



PMM

**JUNE AND JULY 2014  
WESF/ETF/LERF/200 AREA TEDF OPERATIONS REPORT  
FOR THE AUGUST 28, 2014 PMM**

LERF Basin Liquid Level, Inventory and Waste Received - June & July 2014			
	Basin 42	Basin 43	Basin 44
Basin Liquid Level and Inventory on 8/3/2014	7.8 ft. ~1.70 Mgal	13.2 ft. ~3.48 Mgal	19.2 ft. ~6.13 Mgal
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### **LERF/ETF/200 AREA TEDF ACTIVITIES:**

- Treatment of wastewater is suspended due to heat exchanger issues.
- Procurement activities leading to placement of a contract for a replacement heat exchanger is nearing completion. Laser mapping of the current heat exchanger and its connections was performed to obtain accurate as-built information to be used in fabrication of the replacement.
- LERF basin cover cleaning activities are in progress.
  - Basin 42: inspection at 100%; cleaning completion: September 2014
  - Basin 43: Inspection at 97%; Inspection and cleaning completion: September 2014
  - Basin 44: Inspection at 98%; Inspection and cleaning completion: August 2014
- **Deficiencies to Basin Covers and Liner:**
  - Basin 42:
    - 10 cuts on the sides and above the water level of the cover have been repaired.
    - Two cuts identified to the liner above water line require a Class 2 Modification to Permit to allow repairs without emptying Basin.
  - Basin 43: Cut on the sides and above the water level of the cover has been repaired.
  - Basin 44: Repair techniques for cuts to cover over the water level are being identified and under review taking into the consideration the job site hazards.
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- Notification of a leak discovered in the TEDF cross site transfer line was made to Ecology. Repairs are being facilitated.
- Notification of exceeded HOLD times for July's sample in the TEDF discharge was made to Ecology.

### **WESF ACTIVITIES:**

- Planning for stabilization of portions of the facility along with modifications to the K-3 ventilation system is in progress.
- Radiological surveys of portions the facility are planned. These surveys will provide information regarding radiological hazards.
- Discussions between DOE-RL and Ecology have taken place to arrive at a regulatory strategy for the planned work.



LERF/200 AREA, ETF, AND WESF

Project Managers Meeting

825 Jadwin / Room 540S

Hanford, Washington

August 28, 2014

ATTENDANCE LIST

Name	Organization	Phone Number
1. Kathy Knox	Knox Court Reporting	946-5535
2. PS Badger	CHPRC	373-9792
3. Edward McCutley	CHPRC	373-0044
4. Rick Engelmann	CHPRC	376-7485
5. TED A. HOPKINS	CHPRC	376-7487
6. Rick Bond	Ecology	372-7885
7. Stacy Nichols	Ecology	372-7917
8. Michael Collins	DOE	376-6536
9. Stephanie Johansen	CHPRC	373-1031
10. Jane V. Borchers	CHPRC	373-3804
11. LINDA Petersen	CHPRC	373-4200
12. BOB Long	DOE	6-7754
13. BJ DIXON	CHPRC	via phone
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**LERF/200 AREA ETF and WESF PROJECT MANAGERS MEETING**  
**825 Jadwin / Room 540S**  
**Hanford, Washington**  
**August 28, 2014**

**9:00 a.m. to 9:30 a.m.**

**Agenda**

- I. The approved April 24, 2014, and June 26, 2014, PMM minutes were submitted to Administrative Record (AR). There were no subject PMMs held in May or July 2014.
- II. Operational Status
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities (Milestones, TSD Unit)
  - A. ST-4500, ST-4502 and ST-4511 status
  - B. LERF Basin Maintenance
  - C. HF RCRA Permit Rev. 9 Update
  - D. 8C/Class 2 Mods
  - E. ETF Heat Exchanger
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions

Unit	Description of Action	Status	Date
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting

